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On protein - protein search, using sw model.

Run on: August 21, 2003, 15:22:19 ; Search time 29 Seconds
(without alignments)

377.880 Million cell updates/sec

Title: US-09-826-212a-2
Perfect score: 1382
Sequence: 1 MARIPKILKFVWVIVAVLLP.....YLSCCTIVGIVIVLVLIVFV 259

Scoring table: BIOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*

1: /cgn2_6/podata/1/1aa/5A.COMB.pep:*

2: /cgn2_6/podata/1/1aa/5B.COMB.pep:*

3: /cgn2_6/podata/1/1aa/6A.COMB.pep:*

4: /cgn2_6/podata/1/1aa/6B.COMB.pep:*

5: /cgn2_6/podata/1/1aa/PCITUS.COMB.pep:*

6: /cgn2_6/podata/1/1aa/backfiles1.pep:*

Pred. No. 1 is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1382	100.0	259	3	US-09-006-353A-2
2	1382	100.0	259	4	US-09-573-986-2
3	1382	100.0	299	3	US-09-153-927-3
4	1382	100.0	299	4	US-09-134-618-4
5	1382	100.0	299	2	US-10-039-785-2
6	634	45.9	386	3	US-09-086-483A-2
7	634	45.9	386	4	US-09-580-212-2
8	634	45.9	386	4	US-10-039-785-4
9	627	45.4	386	4	US-09-130-91-6
10	472	34.2	234	4	US-09-130-491-12
11	472	34.2	467	3	US-09-086-483A-6
12	472	34.2	467	4	US-09-580-212-2
13	472	34.2	468	4	US-09-013-895A-2
14	472	34.2	468	4	US-09-565-982-2
15	472	34.2	468	4	US-09-448-868-2
16	472	34.2	468	4	US-10-039-785-1
17	452	32.7	350	4	US-09-134-618-6
18	448	32.4	440	3	US-08-883-336A-2
19	448	32.4	440	4	US-09-536-201-2
20	398.5	28.8	424	4	US-09-333-593A-8
21	383.5	27.7	411	4	US-09-134-618-2
22	380.5	27.5	412	4	US-09-333-593A-2
23	379.5	27.5	411	3	US-09-329-633A-2
24	379.5	27.5	411	4	US-09-079-029-1
25	379.5	27.5	411	4	US-10-039-785-3
26	365.5	17.1	303	4	US-09-333-593A-4
27	15.3	368	2	US-08-651-579-2	

ALIGNMENTS

RESULT 1

US-09-006-353A-2
; Sequence 2, Application US/09006353A
; Patent No. 6261801
; GENERAL INFORMATION:
; APPLICANT: WEI, YING-FEI
; APPLICANT: YU, GUO-LIANG
; APPLICANT: GENZU, REINER
; APPLICANT: RUBEN, STEVEN
; TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR 5
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HUMAN GENOME SCIENCES, INC.
; STREET: 9410 KEY WEST AVENUE
; CITY: ROCKVILLE
; STATE: MD
; COUNTRY: US
; ZIP: 20850

COMPUTER READABLE FORM:

; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/006-353A
; FILING DATE: 4/35
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BROOKES, ANDERS A
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: P1341
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 259 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein

Query Match Best Local Similarity 100.0%; Pred. No. 6.9e-102; Length 259; Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MARIPKILKFVWVIVAVLLPVLAYSAATGOREEVPOOTVAPQQRISFKGECPPGSHRS 60
Db 1 MARIPKILKFVWVIVAVLLPVLAYSAATGOREEVPOOTVAPQQRISFKGECPPGSHRS 60

QY 61 EHTGACNPCTEGVDYTNASNNESCPCTVCKSDQKHSSCTMRTDVCOCKEGFRNEN 120
 FILE REFERENCE: GH50031
 CURRENT APPLICATION NUMBER: US/09/153, 927A
 CURRENT FILING DATE: 1998-09-16
 EARLIER APPLICATION NUMBER: 60/061, 334
 EARLIER FILING DATE: 1997-10-08
 NUMBER OF SEQ ID NOS: 11
 SOFTWARE: FASTSEQ for Windows Version 3.0
 SEQ ID NO: 3
 LENGTH: 259
 TYPE: PRT
 ORGANISM: Human
 US-09-153-927-3

Query Match 100.0%; Score 1382; DB 3; Length 299;
 Best Local Similarity 100.0%; Pred. No. 8.3e-102; Mismatches 0; Indels 0; Gaps 0;
 Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTKLFVWIVAVLPLVPLAYSATTAQEVQVQPTVAPQDQHRSFKECPAGSHRS 60
 Db 41 EHTGACNPCTEGVDYTNASNNESCPCTVCKSDQKHSSCTMRTDVCOCKEGFRNEN 120
 QY 61 EHTGACNPCTEGVDYTNASNNESCPCTVCKSDQKHSSCTMRTDVCOCKEGFRNEN 120
 Db 101 EHTGACNPCTEGVDYTNASNNESCPCTVCKSDQKHSSCTMRTDVCOCKEGFRNEN 160
 QY 121 SPEMCRKCSRPSGEVQVSNCSTSDDIOCVEEGANATVTPAEEETMNTSPGTPPAAE 180
 Db 161 SPEMCRKCSRPSGEVQVSNCSTSDDIOCVEEGANATVTPAEEETMNTSPGTPPAAE 220
 QY 181 ETMNTSPGTPPAAEETMNTSPGTPPAAEETMNTSPGTPPAAEETMNTSPGTPPAAE 240
 Db 221 ETMNTSPGTPPAAEETMNTSPGTPPAAEETMNTSPGTPPAAEETMNTSPGTPPAAE 280
 QY 241 LSCTIVGIVIVLVLIVFV 259
 Db 281 LSCTIVGIVIVLVLIVFV 299

Query Match 100.0%; Score 1382; DB 4; Length 259;
 Best Local Similarity 100.0%; Pred. No. 6.9e-102; Mismatches 0; Indels 0; Gaps 0;
 Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTKLFVWIVAVLPLVPLAYSATTAQEVQVQPTVAPQDQHRSFKECPAGSHRS 60
 Db 1 MARIPTKLFVWIVAVLPLVPLAYSATTAQEVQVQPTVAPQDQHRSFKECPAGSHRS 60
 QY 61 EHTGACNPCTEGVDYTNASNNESCPCTVCKSDQKHSSCTMRTDVCOCKEGFRNEN 120
 Db 61 EHTGACNPCTEGVDYTNASNNESCPCTVCKSDQKHSSCTMRTDVCOCKEGFRNEN 120
 QY 121 SPEMCRKCSRPSGEVQVSNCSTSDDIOCVEEGANATVTPAEEETMNTSPGTPPAAE 180
 Db 121 SPEMCRKCSRPSGEVQVSNCSTSDDIOCVEEGANATVTPAEEETMNTSPGTPPAAE 180
 QY 181 ETMNTSPGTPPAAEETMNTSPGTPPAAEETMNTSPGTPPAAEETMNTSPGTPPAAE 240
 Db 181 ETMNTSPGTPPAAEETMNTSPGTPPAAEETMNTSPGTPPAAEETMNTSPGTPPAAE 240
 QY 241 LSCTIVGIVIVLVLIVFV 259
 Db 241 LSCTIVGIVIVLVLIVFV 259

Query Match 100.0%; Score 1382; DB 4; Length 299;
 Best Local Similarity 100.0%; Pred. No. 8.3e-102; Mismatches 0; Indels 0; Gaps 0;
 Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTKLFVWIVAVLPLVPLAYSATTAQEVQVQPTVAPQDQHRSFKECPAGSHRS 60
 Db 41 MARIPTKLFVWIVAVLPLVPLAYSATTAQEVQVQPTVAPQDQHRSFKECPAGSHRS 100
 QY 61 EHTGACNPCTEGVDYTNASNNESCPCTVCKSDQKHSSCTMRTDVCOCKEGFRNEN 120
 Db 101 EHTGACNPCTEGVDYTNASNNESCPCTVCKSDQKHSSCTMRTDVCOCKEGFRNEN 160
 QY 121 SPEMCRKCSRPSGEVQVSNCSTSDDIOCVEEGANATVTPAEEETMNTSPGTPPAAE 180
 Db 161 SPEMCRKCSRPSGEVQVSNCSTSDDIOCVEEGANATVTPAEEETMNTSPGTPPAAE 220

RESULT 3
 US-09-153-927-3
 Sequence 3, Application US/09153927A
 ; Sequence 3, Application US/09153927A
 ; Patent No. 6297022
 GENERAL INFORMATION:
 ; GENERAL INFORMATION:
 ; APPLICANT: McDonnell, Peter C.
 ; APPLICANT: Young, Peter R.
 ; APPLICANT: Zou, Jun
 TITLE OF INVENTION: A Method of Identifying Agonists and
 TITLE OF INVENTION: Antagonists for Tumor Necrosis Related Receptors TRL, TR3

QY 181 ETMNTSPGTPAPAAETMTTSPGTPAPAAETMTTSPGTPAPAAETMTTSPGTPASSHY 240
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 Db 221 ETMNTSPGTPAPAAETMTTSPGTPAPAAETMTTSPGTPASSHY 280
 QY 241 LSCTIVGIVLIVLIVLIVFV 299
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 Db 281 LSCTIVGIVLIVLIVLIVFV 299
 RESULT 5
 US-10-039-785-2
 Sequence 2, Application US/10039785
 PATENT NO. 6538938
 GENERAL INFORMATION:
 APPLICANT: Salcedo, et al.
 TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
 FILE REFERENCE: PFF50
 CURRENT APPLICATION NUMBER: US/10/039,785
 PRIOR APPLICATION NUMBER: 60/359,860
 PRIOR FILING DATE: 2002-04-05
 PRIOR APPLICATION NUMBER: 60/341,237
 PRIOR FILING DATE: 2001-12-20
 PRIOR APPLICATION NUMBER: 60/331,310
 PRIOR FILING DATE: 2001-11-14
 PRIOR APPLICATION NUMBER: 60/331,044
 PRIOR FILING DATE: 2001-11-07
 PRIOR APPLICATION NUMBER: 60/327,364
 PRIOR FILING DATE: 2001-10-09
 PRIOR APPLICATION NUMBER: 60/323,807
 PRIOR FILING DATE: 2001-09-21
 PRIOR APPLICATION NUMBER: 60/319,176
 PRIOR FILING DATE: 2001-08-02
 PRIOR APPLICATION NUMBER: 60/224,981
 PRIOR FILING DATE: 2001-06-04
 PRIOR APPLICATION NUMBER: 60/293,473
 PRIOR FILING DATE: 2001-05-25
 NUMBER OF SEQ ID NOS: 66
 NUMBER OF SEQ ID NOS: 66
 NUMBER OF SEQ ID NOS: 2
 SOFTWARE: Patentin Ver. 2.1
 SEQ ID NO: 2
 LENGTH: 299
 TYPE: PRT
 ORGANISM: Homo sapiens
 ; US-10-039-785-2
 ;
 ; Query Match 100.0%; Score 1382; DB 4; Length 299;
 ; Best Local Similarity 100.0%; Pred. No. 8.3e-102;
 ; Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 ;
 QY 1 MARIKTLKFWVVTAVLPLVLAGSATTAQEQEYPOOTVARQQQRHSFKKEECPGSHRS 60
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 Db 41 MARIKTLKFWVVTAVLPLVLAGSATTAQEQEYPOOTVARQQQRHSFKKEECPGSHRS 100
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 QY 61 BHTGACNPCTEGVDYTNASNNEPSCFPCVKSOKHKSSCTMTRDTVCOCKEGFRNEN 120
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 Db 101 EHTGACNPCTEGVDYTNASNNEPSCFPCVKSOKHKSSCTMTRDTVCOCKEGFRNEN 160
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 QY 121 SPEMRKCSRCPSEGVQSNCTSDIOCYEEFGANATVTPAABETMTTSPGTPAPAAE 180
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 Db 161 SPEMRKCSRCPSEGVQSNCTSDIOCYEEFGANATVTPAABETMTTSPGTPAPAAE 220
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 QY 181 ETMNTSPGTPAPAAETMTTSPGTPAPAAETMTTSPGTPAPAAETMTTSPGTPASSHY 240
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 Db 221 ETMNTSPGTPAPAAETMTTSPGTPAPAAETMTTSPGTPAPAAETMTTSPGTPASSHY 280
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 QY 241 LSCTIVGIVLIVLIVLIVFV 259
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 Db 281 LSCTIVGIVLIVLIVLIVFV 299
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 ; US-09-086-483A-2
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 ; Query Match 45.9%; Score 634; DB 3; Length 386;
 ; Best Local Similarity 51.8%; Pred. No. 1.3e-42;
 ; Matches 132; Conservative 22; Mismatches 41; Indels 60; Gaps 3;
 ;
 QY 5 PTKLKFVWVVTAVLPLVLAGSATTAQEQEYPOOTVARQQQRHSFKKEECPGSHRS 64
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 Db 35 PTKLKFVWVVTAVLPLVWRVDSATIPRODVEYPOOTVARQQQRHSFKKEECPGSHRS 94
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 QY 65 ACNPCTEGVDYTNASNNEPSCFPCVKSOKHKSSCTMTRDTVCOCKEGFRNENPEM 124
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 Db 95 ACNPCTEGVDYTNASNNEPSCFPCVKSOKHKSSCTMTRDTVCOCKEGFRNENPEM 154
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 QY 125 CRKC-SRCPSSEGVQSNCTSDIOCYEEFGANATVTPAABETMTTSPGTPAPAAETM 183
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 Db 155 CRTCRGCPRGAVKWSNCTSPDICKKNEASSTGKTPAABETMTTSPGTPASSHYLSC 204
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 QY 184 NTSPGTPAPAAETMTTSPGTPAPAAETMTTSPGTPAPAAETMTTSPGTPASSHYLSC 243
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 Db 205 -----MLASP-----YHYLII 215
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 QY 244 TIVGIVLIVLIVFV 258
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 Db 216 IWLVILVAVVWGF 230
 1|||||1|||||1|||||1|||||1|||||1|||||1|||||1|||||1
 ;
 ; US-09-580-212-2
 ;
 ; RESULT 7
 ; US-09-580-212-2

Sequence 2, Application US/09580212
; Patent No. 6506569
; GENERAL INFORMATION:
; APPLICANT: Ni, Jian et al.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR10
; FILE REFERENCE: PFF79P1
; CURRENT FILING DATE: 2000-05-26
; PRIORITY APPLICATION NUMBER: 60/136,786
; PRIORITY FILING DATE: 1999-05-28
; PRIORITY APPLICATION NUMBER: 60/142,563
; PRIORITY FILING DATE: 1999-07-07
; PRIORITY APPLICATION NUMBER: 60/144,023
; PRIORITY FILING DATE: 1999-07-15
; NUMBER OF SEQ ID NOS: 16
; SEQ ID NO: 2
; LENGTH: 386
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-580-212-2
; Query Match 45.9%; Score 634; DB 4; Length 386;
; Best Local Similarity 51.8%; Pred. No. 1.3e-42; Mismatches 41; Indels 60; Gaps 3;
; Matches 132; Conservative 22; Mismatches 41; Indels 60; Gaps 3;
; Qy 5 PTKLKFVWVIVAVLVLPLVLAISATTARQEEVQQTVAPOQORHRSFKGECPAGSHRSEITGA 64
; Db 35 PTKLKFVWVIVAVLVLPLVRLDSATIPRQDEVPPQQTVAPOQORRSIKEECPAGSHRSEITGA 94
; Qy 65 ACNPCTEGDYTNASNNERSCFPTCKSDQHKSSCTMTRDTCQCKEGTERNENSPM 124
; 95 ACNPCTEGDYTNASNNERSCFPTCKSDQHKSSCTMTRDTCQCKEGTERNENSPM 154
; Db 125 CRKC-SRCSEGEVQNSNCWSDDIQCVCVEFGANATVTPAEEETMNSPGTPAPAETM 183
; 95 ACNPCTEGDYTNASNNERSCFPTCKSDQHKSSCTMTRDTCQCKEGTERNENSPM 124
; Db 184 NTSPGTPAPAEEETMNSPGTPAPAEEETMNSPGTPASAHHYSLC 243
; Qy 244 TIVGIVLVLIVF 258
; Db 205 -----
; 95 ACNPCTEGDYTNASNNERSCFPTCKSDQHKSSCTMTRDTCQCKEGTERNENSPM 154
; Db 216 IIVLVLILAVVVGF 230
; RESULT 8
; US-09-039-785-4
; Sequence 4, Application US/10039785
; Patent No. 6536938
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; FILE REFERENCE: PFF50
; CURRENT FILING DATE: 2002-04-05
; PRIORITY APPLICATION NUMBER: US/10/039,785
; TITLE OF INVENTION: Receptors
; FILE REFERENCE: PFF50
; CURRENT FILING DATE: 2002-05-07
; PRIORITY APPLICATION NUMBER: 60/369,860
; PRIORITY FILING DATE: 2002-04-05
; PRIORITY APPLICATION NUMBER: US/10/039,785
; PRIORITY FILING DATE: 2001-12-20
; PRIORITY APPLICATION NUMBER: 60/331,310
; PRIORITY FILING DATE: 2001-11-14
; PRIORITY APPLICATION NUMBER: 60/331,044
; PRIORITY FILING DATE: 2001-11-07
; PRIORITY APPLICATION NUMBER: 60/341,237
; PRIORITY FILING DATE: 2001-10-09
; PRIORITY APPLICATION NUMBER: 60/323,807
; PRIORITY FILING DATE: 2001-09-21
; PRIORITY APPLICATION NUMBER: 60/309,176
; PRIORITY FILING DATE: 2001-08-02
; PRIORITY APPLICATION NUMBER: 60/294,981
; PRIORITY FILING DATE: 2001-06-04
; PRIORITY APPLICATION NUMBER: 60/293,473
; PRIORITY FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 4
; LENGTH: 386
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-039-785-4
; Query Match 45.9%; Score 634; DB 4; Length 386;
; Best Local Similarity 51.8%; Pred. No. 1.3e-42; Mismatches 41; Indels 60; Gaps 3;
; Matches 132; Conservative 22; Mismatches 41; Indels 60; Gaps 3;
; Qy 5 PTKLKFVWVIVAVLVLPLVLAISATTARQEEVQQTVAPOQORHRSFKGECPAGSHRSEITGA 64
; Db 35 PTKLKFVWVIVAVLVLPLVRLDSATIPRQDEVPPQQTVAPOQORRSIKEECPAGSHRSEITGA 94
; Qy 65 ACNPCTEGDYTNASNNERSCFPTCKSDQHKSSCTMTRDTCQCKEGTERNENSPM 124
; 95 ACNPCTEGDYTNASNNERSCFPTCKSDQHKSSCTMTRDTCQCKEGTERNENSPM 154
; Db 125 CRKC-SRCSEGEVQNSNCWSDDIQCVCVEFGANATVTPAEEETMNSPGTPAPAETM 183
; 95 ACNPCTEGDYTNASNNERSCFPTCKSDQHKSSCTMTRDTCQCKEGTERNENSPM 124
; Db 184 NTSPGTPAPAEEETMNSPGTPAPAEEETMNSPGTPASAHHYSLC 243
; Qy 244 TIVGIVLVLIVF 258
; Db 205 -----
; 95 ACNPCTEGDYTNASNNERSCFPTCKSDQHKSSCTMTRDTCQCKEGTERNENSPM 154
; Db 216 IIVLVLILAVVVGF 230
; RESULT 9
; US-09-130-491-6
; Sequence 6, Application US/09130491
; Patent No. 6415974
; GENERAL INFORMATION:
; APPLICANT: Holtzman, Douglas A.
; TITLE OF INVENTION: Goodarl, Andrew D.J.
; FILE REFERENCE: 09/04/04/0101
; CURRENT FILING NUMBER: US/09/130,491
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: US 60/058,108
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: US 60/054,961
; EARLIER FILING DATE: 1997-08-06
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO: 6
; LENGTH: 386
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-130-491-6
; Query Match 45.4%; Score 627; DB 4; Length 386;
; Best Local Similarity 51.6%; Pred. No. 4.8e-42; Mismatches 41; Indels 60; Gaps 3;
; Matches 131; Conservative 22; Mismatches 41; Indels 60; Gaps 3;
; Qy 6 KTKLKFVWVIVAVLVLPLVLAISATTARQEEVQQTVAPOQORHRSFKGECPAGSHRSEITGA 65
; Db 36 KTKLKFVWVIVAVLVLPLVRLDSATIPRQDEVPPQQTVAPOQORRSIKEECPAGSHRSEITGA 95
; Qy 66 CNPCTEGDYTNASNNERSCFPTCKSDQHKSSCTMTRDTCQCKEGTERNENSPM 125
; Db 96 CNPCTEGDYTNASNNERSCFPTCKSDQHKSSCTMTRDTCQCKEGTERNENSPM 155
; Qy 126 RKC-SRCSEGEVQNSNCWSDDIQCVCVEFGANATVTPAEEETMNSPGTPAPAETM 184

RESULT 13
 US-09-013-895A-2
 Sequence 2, Application US/09013895A
 Patent No. 6342363
 GENERAL INFORMATION:
 APPLICANT: Ni, Jian
 APPLICANT: Rosen, Craig A.
 APPLICANT: Pan, James G.
 APPLICANT: Gentz, Reiner L.
 APPLICANT: Dixit, Vishva M.
 TITLE OF INVENTION: Death Domain Containing Receptor 4 (DR4: Death Receptor 4), Member of the TNF-Receptor Superfamily and Binding to Trail (AP02-L)
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: HUMAN GENOME SCIENCES, INC.
 STREET: 9410 KEY WEST AVENUE
 CITY: ROCKVILLE
 STATE: MD
 COUNTRY: US
 ZIP: 20850
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/013, 895A
 FILING DATE: 27-JAN-1998
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: STEFFE, ERIC K.
 REGISTRATION NUMBER: 36, 688
 REFERENCE/DOCKET NUMBER: 1488.1.300002
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 371-2600
 TELEFAX: (202) 371-2540
 INFORMATION FOR SEQ ID NO: 2:
 LENGTH: 468 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-013-895A-2
 Query Match 34.2%; Score 472; DB 4; Length 468;
 Best Local Similarity 58.7%; Pred. No. 1.1e-29;
 Matches 91; Conservative 16; Mismatches 42; Indels 6; Gaps 3;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 468 amino acids
 QY 3 RIPKTLKFWVVAVLILPVLAISATTARQEEEVROQTVAPQDQRHISFKBECPCAGSHRSE 62
 Db 87 RVHKTFKFWV-VGVLIQVPPSSRATIKLHD--QSGTQQWEHSPGLCPCPGSHRSE 141
 QY 63 TGCACNPCTEGDYTNASNNPSCFPCTVCKSDQHKSSCTMTDTCVCKEGFRNENSP 122
 Db 142 PGACNRCTEGVGYTNASNNFLACLPCTACKSDEERSPCTTNTACOCKPGFRNDNSA 201
 QY 123 EMCRKCSR-CPSEGEVQNSNCSTSDDIQVEEFGAN 156
 Db 202 EMCRKCSR-CPGMYKVDCTPWSDICVHKESGN 236
 RESULT 14
 US-09-565-918-2
 Sequence 2, Application US/09565918
 Patent No. 633147
 GENERAL INFORMATION:
 APPLICANT: Ni, Jian
 APPLICANT: Rosen, Craig A.
 APPLICANT: Pan, James G.
 APPLICANT: Gentz, Reiner L.
 APPLICANT: Dixit, Vishva M.
 TITLE OF INVENTION: Death Domain Containing Receptor 4 (DR4: Death Receptor 4), Member of the TNF-Receptor Superfamily and Binding to Trail (AP02-L)
 NUMBER OF SEQUENCES: 12
 SEQ ID NO 2
 LENGTH: 468
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-565-918-2
 Query Match 34.2%; Score 472; DB 4; Length 468;
 Best Local Similarity 58.7%; Pred. No. 1.1e-29;
 Matches 91; Conservative 16; Mismatches 42; Indels 6; Gaps 3;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 468 amino acids
 QY 3 RIPKTLKFWVVAVLILPVLAISATTARQEEEVROQTVAPQDQRHISFKBECPCAGSHRSE 62
 Db 87 RVHKTFKFWV-VGVLIQVPPSSRATIKLHD--QSGTQQWEHSPGLCPCPGSHRSE 141
 QY 63 TGCACNPCTEGDYTNASNNPSCFPCTVCKSDQHKSSCTMTDTCVCKEGFRNENSP 122
 Db 142 PGACNRCTEGVGYTNASNNFLACLPCTACKSDEERSPCTTNTACOCKPGFRNDNSA 201
 QY 123 EMCRKCSR-CPSEGEVQNSNCSTSDDIQVEEFGAN 156
 Db 202 EMCRKCSR-CPGMYKVDCTPWSDICVHKESGN 236
 RESULT 15
 US-09-448-868-2
 Sequence 2, Application US/09448868
 Patent No. 6461823
 GENERAL INFORMATION:
 APPLICANT: Ni, Jian
 APPLICANT: Rosen, Craig A.
 APPLICANT: Pan, James G.
 APPLICANT: Gentz, Reiner L.
 APPLICANT: Dixit, Vishva M.
 TITLE OF INVENTION: Death Domain Containing Receptor 4 (DR4: Death Receptor 4), Member of the TNF-Receptor Superfamily and Binding to Trail (AP02-L)
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: HUMAN GENOME SCIENCES, INC.
 STREET: 9410 KEY WEST AVENUE
 CITY: ROCKVILLE
 STATE: MD
 COUNTRY: US
 ZIP: 20850
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/448, 868
 FILING DATE: HEREWITH
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 09/013, 895
 FILING DATE: 27-JAN-1998
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: STEFFE, ERIC K.
 REGISTRATION NUMBER: 36, 688
 REFERENCE/DOCKET NUMBER: 1488-1300004
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 371-2600
 TELEFAX: (202) 371-2240
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 468 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-448-868-2

Query Match 34.2%; Score 472; DB 4; Length 468;
 Best Local Similarity 58.7%; Pred. No. 1.1e-29; Mismatches 42; Indels 6; Gaps 3;
 Matches 91; Conservative 16; Mismatches 42; Indels 6; Gaps 3;
 Qy 3 RIPKILKFWVIVAVLLPVLAISATTARQEVPQQTVAPOQQRHSFKGERCPAGSHRSHEH 62
 Db 87 RVHKTFKVV--VGVLIQVPPSSAATIKLHD--QSIGTQWENSPLGELCPPEPSHRSL 141
 Qy 63 TGACNPCTEGYDVTASNINPSCFPCTVCKSDQHKSSCTMTRDTCQREGTFRNENSP 122
 Db 142 PGACNRCTEVGTYNASNLIFACLCTACRSDEERSPCTTIRNTACQCRGTFRNDNA 201
 Qy 123 EMCRKCSR-CPSEGVQNSCTSWDDIQCVERFGAN 156
 Db 202 EMCRKCSR-GPGRMYKVKDCTPWSDIECHKESGN 236

Search completed: August 21, 2003, 15:25:09
 Job time : 31 secs

Page 1

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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: August 21, 2003, 15:24:14 ; Search time 57 Seconds

(without alignments) 599.616 Million cell updates/sec

Title: US-09-826-212A-2

Perfect score: 1382

Scoring table: BLOSUM62

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Searched: 497079 seqs, 131961718 residues

Total number of hits satisfying chosen parameters: 497079

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_AA:*

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18: /cgn2_6/podata/2/pupbaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	1382	100	0	9 US-09-826-212-2
2	1382	100	0	Sequence 2, Appl
3	1382	100	0	Sequence 1, Appl
4	1382	100	0	Sequence 1, Appl
5	1382	100	0	Sequence 300, App
6	1382	100	0	Sequence 300, App
7	1382	100	0	Sequence 300, App
8	1382	100	0	Sequence 300, App
9	1382	100	0	Sequence 300, App
10	1382	100	0	Sequence 300, App
11	1382	100	0	Sequence 300, App
12	1382	100	0	Sequence 300, App
13	1382	100	0	Sequence 300, App
14	1382	100	0	Sequence 300, App
15	1382	100	0	Sequence 300, App

RESULT 1

; Sequence 2, Application US-09826212

; Patent No. US20010021516A1

; GENERAL INFORMATION:

; APPLICANT: Wei, Ying Fei

; APPLICANT: Gentz, Reinher

; APPLICANT: Ruben, Steven

; APPLICANT: Ni, Jian

; TITLE OF INVENTION: Tumor Necrosis Factor Receptor 5

; FILE REFERENCE: 1488_1280006

; CURRENT APPLICATION NUMBER: US-09/826, 212

; CURRENT FILING DATE: 2001-04-05

; NUMBER OF SEQ ID NOS: 26

; SOFTWARE: Patentin version 3.0

; SEQ ID NO: 2

; LENGTH: 259

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-826-212-2

Query Match Best Local Similarity 100.0%; Score 1382; DB 9; Length 259;

Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MARIKTLKEFVVIVAVLPL. YASCTIVGILIVLVLIVFV 259

Qy 1 MARIKTLKEFVVIVAVLPL. YASCTIVGILIVLVLIVFV 259

Db 1 MARIKTLKEFVVIVAVLPL. YASCTIVGILIVLVLIVFV 259

Qy 61 EHTGACNPCTEGVDYTNASNEPSCPCTVKSDQRHKSSMTMDTIVCQKEGFTERN 120

Db 61 EHTGACNPCTEGVDYTNASNEPSCPCTVKSDQRHKSSMTMDTIVCQKEGFTERN 120

Qy 121 SPEMCRKCSRCPSPGEVQNSCTSWDQIQCVEFGANAVTVEPAEEMNTSPGTAPAAE 180

Db 121 SPEMCRKCSRCPSPGEVQNSCTSWDQIQCVEFGANAVTVEPAEEMNTSPGTAPAAE 180

Qy 181 ETMNTSPGTPARAPAAEETMITSPTGTPARAPAAEETMITSPTGTPASHY 240

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||||||| 181. ETMNTSPGTAPAAEETMTSPGTAPAAEETMTSPGTAPASHY 240
||||||| 241 LSCITIVGIVLIVLIVFV 259
||||||| 241 LSCITIVGIVLIVLIVFV 259
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Db - 09-992-964-1

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PRIOR' FILING DATE: 1997-06-18
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 1
LENGTH: 259
TYPE: PRT
ORGANISM: Homo sapiens
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RESULT 2

US-09-887-879-1

; Sequence 1, Application US/09887879

; Patent No. US20020102706A1

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GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Chuntharapai, Anan
APPLICANT: Gurney, Austin
APPLICANT: Kim, Kyung Jin
APPLICANT: Wood, William I.
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TITLE OF INVENTION: Apo-2DCR
FILE REFERENCE: P110P1
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CURRENT APPLICATION NUMBER: US/09/887,879
PRIORITY DATE: 2001-06-21
PRIORITY NUMBER: 09/096,500
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PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: US 60/049,911
PRIOR FILING DATE: 1997-06-18
NUMBER OF SEQ ID NOS: 17
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SEQ ID NO 1
LENGTH: 259
TYPE: PRT
ORGANISM: Homo sapiens
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US-09-887-879-1

Query Match 100.0%; Score 1382; DB 10; Length 259;

Best Local Similarity 100.0%; Pred. No. 3 5e-90;

Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; SEQ ID NO 1
; LENGTH: 259
; TYPE: PRT
; ORGANISM: Homo sapiens

RESULT 4

US-10-137-870-300

; Sequence 300, Application US/10137870

; Publication No. US2003013883A1

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GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeGeorge, Laura
APPLICANT: Destroyer, Luc
APPLICANT: Flavarooff, Ellen
APPLICANT: Gao, Wei-Oiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Godowski, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanae, Colin K
APPLICANT: Wood, William
```

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APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C155
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CURRENT APPLICATION NUMBER: US/10/137,870
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PRIOR APPLICATION REMOVED - See Palm or File Wrapper
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; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 300

; LENGTH: 259

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-137-870-300

Query Match 100.0%; Score 1382; DB 12; Length 259;

Best Local Similarity 100.0%; Pred. No. 3 5e-90;

Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; SEQ ID NO 1
; LENGTH: 259
; TYPE: PRT
; ORGANISM: Homo Sapien

US-10-137-870-300

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PRIOR' FILING DATE: 1997-06-18
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 1
LENGTH: 259
TYPE: PRT
ORGANISM: Homo sapiens
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Db - 09-992-964-1

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PRIOR' FILING DATE: 1997-06-18
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 1
LENGTH: 259
TYPE: PRT
ORGANISM: Homo sapiens
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Db - 09-992-964-1

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; ORGANISM: Homo sapiens

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; TYPE: PRT
; ORGANISM: Homo sapiens

Db - 09-992-964-1

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; TYPE: PRT
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; LENGTH: 259
; TYPE: PRT
; ORGANISM: Homo sapiens

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; ORGANISM: Homo sapiens

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; SEQ ID NO 1
; LENGTH: 259
; TYPE: PRT
; ORGANISM: Homo sapiens

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Db 61 EHTGACNCFCTEGVDYTNASNNERSPSCFCPTVCKSDQHKSSCTMTRDTCQCKEGFRNEN 120

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Db 121 SPEMCRKCSRCPSGEVOVSNCITSWDD1OCVEERGANAVETPAAEETNTSPGTAPAAE 180

Qy 181 ETMNTSPGTAPAAEETNTSPGTAPAAEETNTSPGTAPAAEETNTSPGTAPASHY 240

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Qy 241 LSCTIVGIVLIVLIVFV 259

Db 241 LSCTIVGIVLIVLIVFV 259

RESULT 5

US-10-140-018-300

; Sequence 300, Application US/10140018

; Publication No. US20030138885A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Guiney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Wattanabe, Colin K

; APPLICANT: Wood, William

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

; FILE REFERENCE: P330R1C157

; CURRENT APPLICATION NUMBER: US/10/140,021

; CURRENT FILING DATE: 2002-05-06

; PRIORITY APPLICATION REMOVED - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 300

; LENGTH: 259

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-140-021-300

Query Match 100.0%; Score 1382; DB 12; Length 259; Best Local Similarity 100.0%; Pred. No. 3.5e-90; Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CURRENT APPLICATION NUMBER: US/10/140,018

CURRENT FILING DATE: 2002-05-06

PRIOR APPLICATION REMOVED - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 300

LENGTH: 259

TYPE: PRT

ORGANISM: Homo sapien

US-10-140-018-300

Query Match 100.0%; Score 1382; DB 12; Length 259; Best Local Similarity 100.0%; Pred. No. 3.5e-90; Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 181 ETMNTSPGTAPAAEETNTSPGTAPAAEETNTSPGTAPASHY 240

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Qy 241 LSCTIVGIVLIVLIVFV 259

Db 241 LSCTIVGIVLIVLIVFV 259

RESULT 6

US-10-140-021-300

; Sequence 300, Application US/10140021

; Publication No. US20030138886A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Guiney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Wattanabe, Colin K

; APPLICANT: Wood, William

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

; FILE REFERENCE: P330R1C167

; CURRENT APPLICATION NUMBER: US/10/140,021

; CURRENT FILING DATE: 2002-05-06

; PRIORITY APPLICATION REMOVED - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 300

; LENGTH: 259

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-140-021-300

Query Match 100.0%; Score 1382; DB 12; Length 259; Best Local Similarity 100.0%; Pred. No. 3.5e-90; Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MARIPKILKFWVVIVAVILPVLAYSATTAQEEVPOQVAPQQQRHSKGECPAGSHRS 60

Db 1 MARIPKILKFWVVIVAVILPVLAYSATTAQEEVPOQVAPQQQRHSKGECPAGSHRS 60

Qy 61 EHTGACNCFCTEGVDYTNASNNERSPSCFCPTVCKSDQHKSSCTMTRDTCQCKEGFRNEN 120

Db 61 EHTGACNCFCTEGVDYTNASNNERSPSCFCPTVCKSDQHKSSCTMTRDTCQCKEGFRNEN 120

Qy 121 SPEMCRKCSRCPSGEVOVSNCITSWDD1OCVEERGANAVETPAAEETNTSPGTAPAAE 180

Db 121 SPEMCRKCSRCPSGEVOVSNCITSWDD1OCVEERGANAVETPAAEETNTSPGTAPAAE 180

Qy 181 ETMNTSPGTAPAAEETNTSPGTAPASHY 240

Db 181 ETMNTSPGTAPASHY 240

Qy 241 LSCTIVGIVLIVLIVFV 259

Db 241 LSCTIVGIVLIVLIVFV 259

RESULT 7

US-10-140-274-300

; Sequence 300, Application US/10140274

; Publication No. US20030143674A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen
 APPLICANT: Deforge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tunas, Daniel
 APPLICANT: Watanae, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C163

CURRENT APPLICATION NUMBER: US10/140,471

CURRENT FILING DATE: 2002-05-06

PRIOR Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 300

LENGTH: 259

TYPE: PRT

ORGANISM: Homo Sapien

US-10-140-274-300

Query Match 100.0%; Score 1382; DB 12; Length 259;
 best Local Similarity 100.0%; Pred. No. 3.5e-90; Mismatches 0; Indels 0; Gaps 0;
 Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 1 MARIPKTLKFWVVIVAVLILPVLAISATTARQEEVPPQQTVAPOQORHSFKGECCPAGSHRS 60

Db 61 EHTGACNPCTEGVDYTNASNEPSCFPCTVCKSDQHKSSCTMTRDVTQCKEGTFRNEN 120
 61 EHTGACNPCTEGVDYTNASNEPSCFPCTVCKSDQHKSSCTMTRDVTQCKEGTFRNEN 120

QY 121 SPEMCRKCCRCPSGPSEVONCTSMDIQCVEERANATETPAAETMITSPGPAPAAE 180
 121 SPEMCRKCCRCPSGPSEVONCTSMDIQCVEERANATETPAAETMITSPGPAPAAE 180

Db 181 ETMNTSPGPAPAAETMITSPGPAPAAEETMITSPGPAPAAEETMITSPGPAPASSHY 240
 181 ETMNTSPGPAPAAETMITSPGPAPAAEETMITSPGPAPAAEETMITSPGPAPASSHY 240

Db 181 ETMNTSPGPAPAAETMITSPGPAPAAEETMITSPGPAPAAEETMITSPGPAPASSHY 240

QY 241 LSCTIVGIVIVLIVLIVFV 259
 241 LSCTIVGIVIVLIVLIVFV 259

Db 241 LSCTIVGIVIVLIVLIVFV 259
 241 LSCTIVGIVIVLIVLIVFV 259

RESULT 8
 US-10-140-471-300
 Sequence 300, Application US/10140471
 Publication No. US20030138887A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: Deforge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tunas, Daniel
 APPLICANT: Watanae, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C174

CURRENT APPLICATION NUMBER: US10/140,807

CURRENT FILING DATE: 2002-05-07

PRIOR Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 300

LENGTH: 259

TYPE: PRT

; ORGANISM: Homo Sapien
 US-10-140-807-300

Query Match 100.0%; Score 1382; DB 12; Length 259;
 Best Local Similarity 100.0%; Pred. No. 3.5e-90;
 Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTKLKFVWIVAVLPLVLAGSATTARQEEVPOQQTVAPOQQQRHSFKGEECPAGSHRS 60
 Db 1 MARIPTKLKFVWIVAVLPLVLAGSATTARQEEVPOQQTVAPOQQQRHSFKGEECPAGSHRS 60

QY 61 EHTGACNPCTEGVDYTNASNNEPSCFPCTVCKSDQHKSSCTMTRTVCOKEGFRNEN 120
 Db 61 EHTGACNPCTEGVDYTNASNNEPSCFPCTVCKSDQHKSSCTMTRTVCOKEGFRNEN 120

RESULT 10
 US-10-140-922-300
 Sequence 300, Application US/10140922
 Publication No. US20030138889A1

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Deforge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Godowski, Paul J.
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P330R1C177

CURRENT APPLICATION NUMBER: US/10/140, 924
 CURRENT FILING DATE: 2002-05-07
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 300
 LENGTH: 259
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-140-924-300

Query Match 100.0%; Score 1382; DB 12; Length 259;
 Best Local Similarity 100.0%; Pred. No. 3.5e-90;
 Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTKLKFVWIVAVLPLVLAGSATTARQEEVPOQQTVAPOQQQRHSFKGEECPAGSHRS 60
 Db 1 MARIPTKLKFVWIVAVLPLVLAGSATTARQEEVPOQQTVAPOQQQRHSFKGEECPAGSHRS 60

QY 61 EHTGACNPCTEGVDYTNASNNEPSCFPCTVCKSDQHKSSCTMTRTVCOKEGFRNEN 120
 Db 61 EHTGACNPCTEGVDYTNASNNEPSCFPCTVCKSDQHKSSCTMTRTVCOKEGFRNEN 120

RESULT 11
 US-10-140-924-300
 Sequence 300, Application US/10140924
 Publication No. US20030134355A1

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Wattanabe, Colin K.
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P330R1C177

CURRENT APPLICATION NUMBER: US/10/140, 924
 CURRENT FILING DATE: 2002-05-07
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 300
 LENGTH: 259
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-140-924-300

Query Match 100.0%; Score 1382; DB 12; Length 259;
 Best Local Similarity 100.0%; Pred. No. 3.5e-90;
 Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTKLKFVWIVAVLPLVLAGSATTARQEEVPOQQTVAPOQQQRHSFKGEECPAGSHRS 60
 Db 1 MARIPTKLKFVWIVAVLPLVLAGSATTARQEEVPOQQTVAPOQQQRHSFKGEECPAGSHRS 60

QY 61 EHTGACNPCTEGVDYTNASNNEPSCFPCTVCKSDQHKSSCTMTRTVCOKEGFRNEN 120
 Db 61 EHTGACNPCTEGVDYTNASNNEPSCFPCTVCKSDQHKSSCTMTRTVCOKEGFRNEN 120

Query Match 100.0%; Score 1382; DB 12; Length 259;
 Best Local Similarity 100.0%; Pred. No. 3.5e-90;
 Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MARIPTKLKFVWIVAVLPLVLAGSATTARQEEVPOQQTVAPOQQQRHSFKGEECPAGSHRS 60
 Db 1 MARIPTKLKFVWIVAVLPLVLAGSATTARQEEVPOQQTVAPOQQQRHSFKGEECPAGSHRS 60

QY 61 EHTGACNPCTEGVDYTNASNNEPSCFPCTVCKSDQHKSSCTMTRTVCOKEGFRNEN 120
 Db 61 EHTGACNPCTEGVDYTNASNNEPSCFPCTVCKSDQHKSSCTMTRTVCOKEGFRNEN 120

FILE REFERENCE: P330R1C08
 CURRENT APPLICATION NUMBER: US10/141,702
 PRIORITY APPLICATION removed - See Palm or File Wrapper
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 300
 LENGTH: 259
 TYPE: PRY
 ORGANISM: Homo Sapien
 US-10-141-702-300

Query Match 100.0%; Score 1382; DB 12; Length 259;
 Best Local Similarity 100.0%; Pred. No. 3.5e-90; Mismatches 0; Indels 0; Gaps 0;
 Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MARIKTLKFWVVIVAVLLPVLAYSTATTARQEEVPPQTVAPQQQRHSFKGEECPAGSHRS 60
 Db 1 MARIKTLKFWVVIVAVLLPVLAYSTATTARQEEVPPQTVAPQQQRHSFKGEECPAGSHRS 60

Qy 61 EHTGACNPCTEGVDYTNASNNEPSCFPCTVCKSDOKHKSCTMRDIVOCCKEGTFRNEN 120
 Db 61 EHTGACNPCTEGVDYTNASNNEPSCFPCTVCKSDOKHKSCTMRDIVOCCKEGTFRNEN 120

Qy 121 SPEMCRKCSRCRSPGSGEVQVSNCSTSMDIQCVEFGANAVTTPAABETMTSPGTGAPAAE 180
 Db 121 SPEMCRKCSRCRSPGSGEVQVSNCSTSMDIQCVEFGANAVTTPAABETMTSPGTGAPAAE 180

Qy 181 ETMNTSPGTGAPAAETMTSPGTGAPAAETMTSPGTGAPAAETMTSPGTGAPASHY 240
 Db 181 ETMNTSPGTGAPAAETMTSPGTGAPAAETMTSPGTGAPAAETMTSPGTGAPASHY 240

Qy 241 LSCTIVGIVLIVLIVLIVFV 259
 Db 241 LSCTIVGIVLIVLIVLIVFV 259

RESULT 15
 US-10-141-704-300
 Publication No. Application US/10141704
 General Information:
 - APPLICANT: Baker, Kevin P.
 - APPLICANT: Beresini, Maureen
 - APPLICANT: Deforge, Laura
 - APPLICANT: Desnoyers, Luc
 - APPLICANT: Filvaroff, Ellen
 - APPLICANT: Gao, Wei-Qiang
 - APPLICANT: Gerritsen, Mary E.
 - APPLICANT: Goddard, Audrey
 - APPLICANT: Godowski, Paul J.
 - APPLICANT: Gurney, Austin L.
 - APPLICANT: Sherwood, Steven
 - APPLICANT: Smith, Victoria
 - APPLICANT: Stewart, Timothy A.
 - APPLICANT: Tumas, Daniel
 - APPLICANT: Watanabe, Colin K
 - APPLICANT: Wood, William
 - APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P330R1C09
 CURRENT APPLICATION NUMBER: US10/141,704
 CURRENT FILING DATE: 2002-05-08
 Prior Application removed - See Palm or File Wrapper
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 300
 LENGTH: 259
 TYPE: PRY
 ORGANISM: Homo Sapien
 US-10-141-704-300

Query Match 100.0%; Score 1382; DB 12; Length 259;
 Best Local Similarity 100.0%; Pred. No. 3.5e-90; Mismatches 0; Indels 0; Gaps 0;

Matches 259; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MARIKTLKFWVVIVAVLLPVLAYSTATTARQEEVPPQTVAPQQQRHSFKGEECPAGSHRS 60
 Db 1 MARIKTLKFWVVIVAVLLPVLAYSTATTARQEEVPPQTVAPQQQRHSFKGEECPAGSHRS 60

Qy 61 EHTGACNPCTEGVDYTNASNNEPSCFPCTVCKSDOKHKSCTMRDIVOCCKEGTFRNEN 120
 Db 61 EHTGACNPCTEGVDYTNASNNEPSCFPCTVCKSDOKHKSCTMRDIVOCCKEGTFRNEN 120

Qy 121 SPEMCRKCSRCRSPGSGEVQVSNCSTSMDIQCVEFGANAVTTPAABETMTSPGTGAPAAE 180
 Db 121 SPEMCRKCSRCRSPGSGEVQVSNCSTSMDIQCVEFGANAVTTPAABETMTSPGTGAPAAE 180

Qy 181 ETMNTSPGTGAPAAETMTSPGTGAPAAETMTSPGTGAPAAETMTSPGTGAPASHY 240
 Db 181 ETMNTSPGTGAPAAETMTSPGTGAPAAETMTSPGTGAPASHY 240

Qy 241 LSCTIVGIVLIVLIVLIVFV 259
 Db 241 LSCTIVGIVLIVLIVLIVFV 259

Search completed: August 21, 2003, 15:33:07
 Job time: 58 secs

